

Date: Tuesday, 11/21/2006 10:48:20 AM
 User: Kim Johnston

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	D119 HELI UTILITY BASKET PRELIM
Job Number :	29556		
Estimate Number :	12452		
P.O. Number :	N/A	Part Number :	D119756041
This Issue :	11/21/2006	S.O. No. :	N/A
Prsht Rev. :	NC	Drawing Number :	IIN-D119-756 PG9-10 11,12
First Issue :	N/A	Project Number :	N/A
Previous Run :	29555	Drawing Revision :	B
		Material :	N/A
Written By :		Due Date :	12/23/2006
Checked & Approved By :	Qty: 1 Um: Each		
Comment :	Est Rev: A New Issue 06-06-14 JLM Est Rev: B 06.07.26 dwg revB, picklist EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: Photocopy bluefile & type labels per PPPD119-756-041 CHG 001

KJ 06-11-28 (1)

2.0	29556A	BASKET LID ASS'Y (A119)
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Comment: Sub-Component BASKET LID ASS'Y (A119) SUB-COMPONENT

3.0	29556B	BASKET BASE ASS'Y (A119)
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Comment: Sub-Component BASKET BASE ASS'Y (A119) SUB-COMPONENT

4.0	D2022101	Spacer
-----	----------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Spacer

Batch: B26327 x 2

ml

5.0	D2258220	Placard
-----	----------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Placard

Batch: B24871 x1

ml

6.0	D2332041	Lid Prop Assembly 6.69"
-----	----------	-------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Lid Prop Assembly 6.69"

Batch: B28246 x1

ml

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/21/2006 10:48:21 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:

Machine Or Operation:

Description :

7.0

D2530

Handle Weldment



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Handle Weldment

Batch: B28997 X1

ml

8.0

D2535

Spring



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Spring

Batch: B28363 X2

ml

9.0

D2537

Bushing



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bushing

Batch: B29536 X2

ml

10.0

D2931

Bumper



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bumper

Batch: B21139 X2

ml

11.0

D35191

placard



Comment: Qty.: 2.0000 Each(s)/Unit Total: 1.0000 Each(s)

placard

329576 ~~X1~~ Need 2

ml

12.0

AN316A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bolt

Batch: M101884 X2

ml

13.0

AN47A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bolt

Batch: M100327 X2

ml

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:

Machine Or Operation:

Description :

14.0

AN422A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Bolt

Batch: M 100771

x 1

ml

15.0

AN424A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Bolt

Batch: M 101938

x 1

ml

16.0

AN517A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Bolt

Batch: M 102140

x 4

ml

17.0

AN960JD416

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Washer

Batch: M 101938

x 2

ml

18.0

AN960JD416L

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Washer

Batch: M 101237

x 2

ml

19.0

AN960JD516

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Washer

Batch: M 100564

x 4

ml

20.0

AN960JD8

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Washer

Batch: M 102455

x 2

ml

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:

Machine Or Operation:

Description :

21.0

AN9704

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Washer

Batch: M102380

x4

ml

22.0

MS20600AD4W3

Cherry Rivets



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Cherry Rivets

Batch: M14393

x2

ml

23.0

MS21042L3

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Nut

Batch: M102217

x2

ml

24.0

MS21042L4

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Nut

Batch: m 19185

x4

ml

25.0

MS21042L5

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Nut

Batch: M102171

x4

ml

26.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D119-756

ml 07/01/19 x1

27.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

07/01/22 ①

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/21/2006 10:48:21 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:

Machine Or Operation:

Description :

28.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

29.0

D119756011

CLAMP KIT



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

CLAMP KIT

Batch: 629563 ✓

30.0

D351611

CLEVIS



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

CLEVIS

batch: 629572 ✓

31.0

D35171

STRUT



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

STRUT

Batch: 629574 ✓

32.0

D3518041

FWD ARM ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

FWD ARM ASSEMBLY

Batch: 629575 ✓

33.0

D35201

SPACER



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

SPACER

Batch: 629578 ✓

34.0

D26173

Bushing



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bushing

Batch: 629991 ✓

Boat/air/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/21/2006 10:48:22 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:	Machine Or Operation:	Description :
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35.0	D26175	Spacer
------	--------	--------



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)
Spacer *B 29545 ✓*

36.0	AN413A	Bolt
------	--------	------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)
Bolt
Batch: *M101938 ✓*

37.0	AN415A	Bolt
------	--------	------



Comment: Qty.: 6.0000 Each(s)/Unit Total : 6.0000 Each(s)
+ Bolt
Batch: *M102039 ✓*

38.0	AN420A	Bolt
------	--------	------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)
Bolt
batch: *M16895 ✓*

39.0	AN510A	Bolt
------	--------	------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)
+ Bolt
batch: *M101840 ✓*

40.0	AN960JD416	Washer
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Comment: Qty.: 40.0000 Each(s)/Unit Total : 40.0000 Each(s)
Washer
Batch: *M101938 ✓*

41.0	AN960JD416L	Washer
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)
Washer *M101237 ✓*

CP 04/01/22

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: 21 Date: 07/01/23
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/21/2006 10:48:22 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: D119 HELI UTILITY BASKET PRELIM

Job Number: 29556

Part Number: D119756041

Job Number:



Seq. #:

Machine Or Operation:

Description :

42.0

AN960JD516L

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)
Washer 117619✓

43.0

MS21042L4

Nut



Comment: Qty.: 10.0000 Each(s)/Unit Total : 10.0000 Each(s)
Nut
Batch: 119185 ✓

CP 04/01/22 (1)

44.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

CP 11/22 (1)

45.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
Identify and pack for shipping as per PPP D119
Location: _____
PPP Rev: A

CP 11/22

CP 04/01/20

46.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

CP 07/01/23

Job Completion



U 07-01-23

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 REPLACEMENT PARTS

Figures 4 and 5 list components of the Dart *Heli-Utility-Basket™* which can be replaced if required. Their part numbers are included for reference only, and are normally included with the D3515-041 Basket Lid Assembly or the D3516-041 Basket Base Assembly.

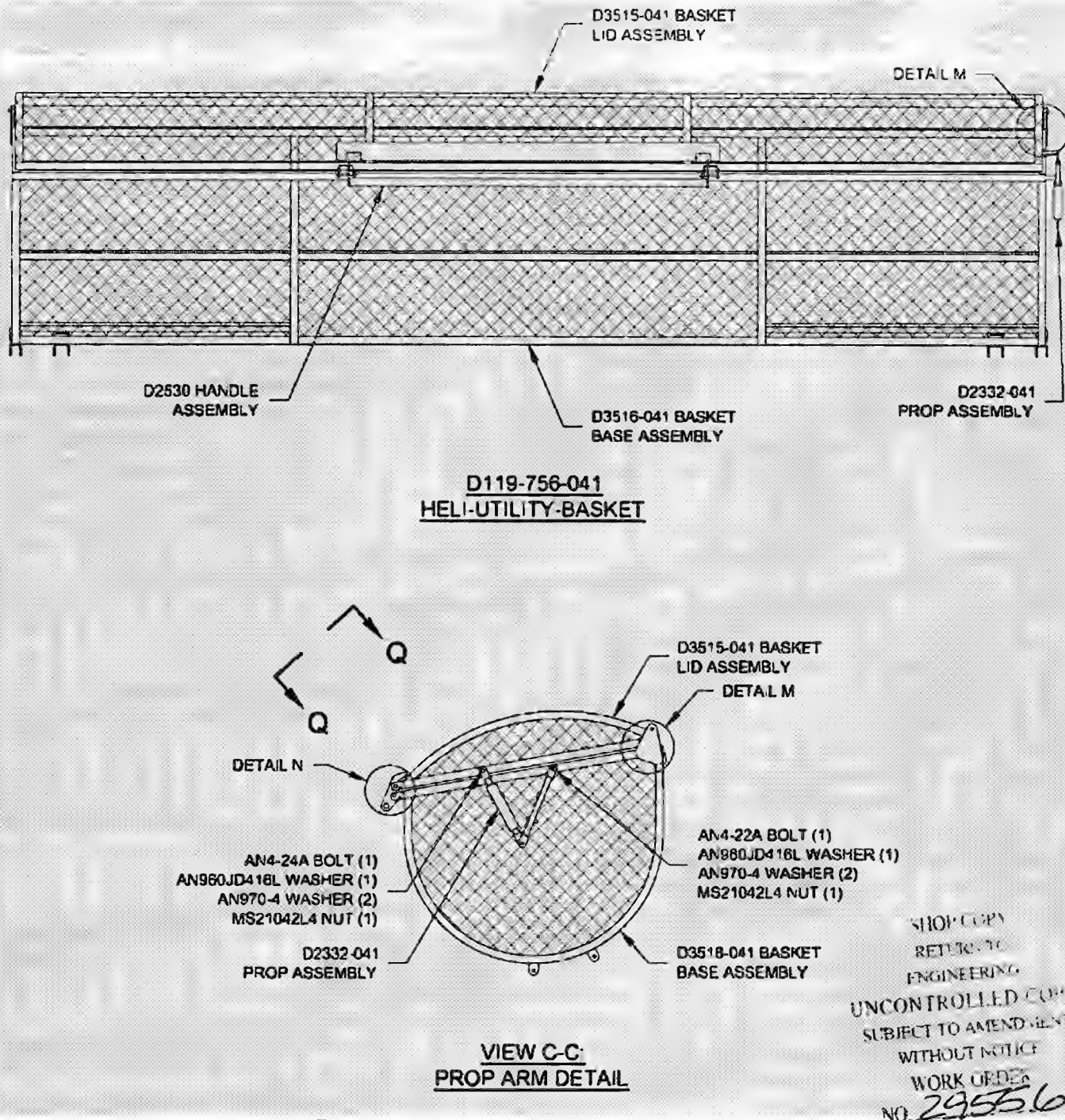
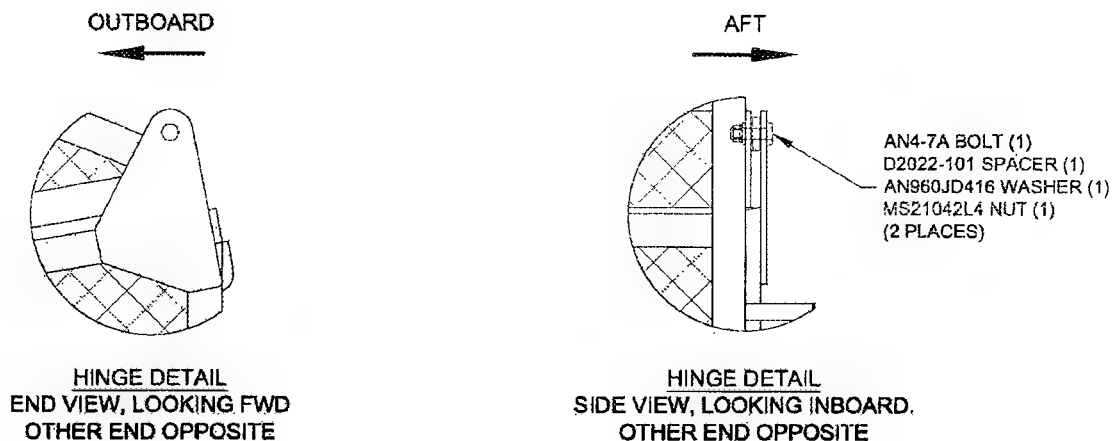
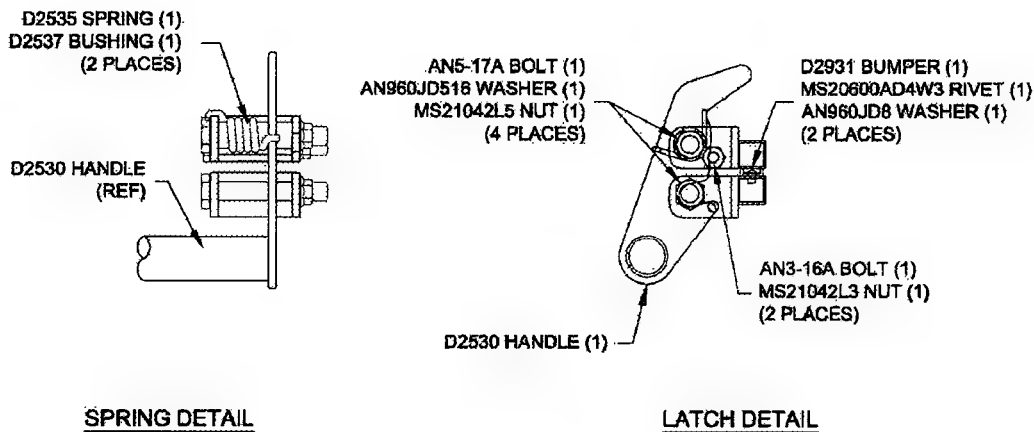
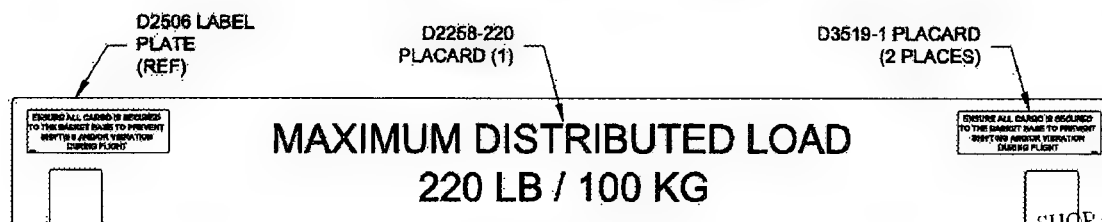


Figure 4 – Basket Replacement Parts
(D119-756-041 Heli-Utility-Basket™)

DETAIL M: HINGEDETAIL N: HANDLE WELDMENT

VIEW Q-Q: PLACARDS
ONLY PLACARDS AND
LABEL PLATE SHOWN

Figure 5 – Basket Replacement Parts & Placards
(D119-756-041 Heli-Utility-Basket™)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 29,556

Date: Tuesday, 11/21/2006 10:48:36 AM
 User: Kim Johnston

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	BASKET LID ASS'Y (A119)
Job Number :	29556A		
Estimate Number :	12445		
P.O. Number :	N/A	Part Number :	D3515041
This Issue :	11/21/2006	S.O. No. :	N/A
Prsht Rev. :	NC	Drawing Number :	D3515 PRELIMINARY
First Issue :	N/A	Project Number :	N/A
Previous Run :	29555A	Drawing Revision :	PRELIMINARY
		Material :	N/A
Written By :		Due Date :	12/23/2006
Checked & Approved By :		Qty:	1 Um: Each
Comment :	EST rev. A 06.06.05 Preliminary EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D22321	Hinge
-----	--------	-------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Basket Hinge

Batch: 625238

PD 06-12-04 (1)

2.0	D31663	Basket Hoop
-----	--------	-------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Basket Hoop

Batch: 628525

PD 06-12-04 (1)

3.0	D23271	Spacer Bushing
-----	--------	----------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Spacer Bushing

Batch: 628334

PD 06-12-04 (1)

4.0	D2506	Placard
-----	-------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Placard

Batch: 627217

PD 06-12-04 (1)

5.0	D2581	Mounting Bracket
-----	-------	------------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Mounting Bracket

Batch: 628915

PD 06-12-04 (1)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/21/2006 10:48:37 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASS'Y (A119)

Job Number: 29556A

Part Number: D3515041

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 43.5750 f(s)/Unit Total : 43.5750 f(s)

AISI 304 SQ Tube.75x.75x.065W

Batch: M102157

PD 06-12-04 (1)

7.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Cut rib D3515-1 as per dwg D3516

2-Cut rib D3515-3 as per dwg D3516

3-Cut rib D3515-5 as per dwg D3516

4-Cut rib D3515-7 as per dwg D3516

5-Cut Rib (4) D2236 from D3166-3 per dwg D2236

PD 06-12-04 (1)

8.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Weld assembly as per dwg D3515

PD 06-12-04 (1)

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

DA 06/12/06 (1)

10.0

M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 21.0000 sf(s)/Unit Total : 21.0000 sf(s)

Expanded Metal Flat Stainless steel

Batch: M101775

PD 06-12-07 (1)

11.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut expanded metal for base as per dwg D3516

2-Cut expanded metal for base ends as per dwg D3516

3-Weld expanded metal to base as per dwg D3516

PD 06-12-11 (1)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☐ No ☒ DQA: H Date: 07/01/23
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASS'Y (A119)

Job Number: 29556A

Part Number: D3515041

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

06/12/11 ①

13.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

06/12/11 ①

14.0

POWDER COATING

POWDER COATING



M102391



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3

421 YC

07-01-17 ①

15.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

mul 07/01/18 ①

16.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock
Location: CA

mul 07/01/18 ①

17.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

mul 07/01/23

Job Completion



u 07-01-23

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

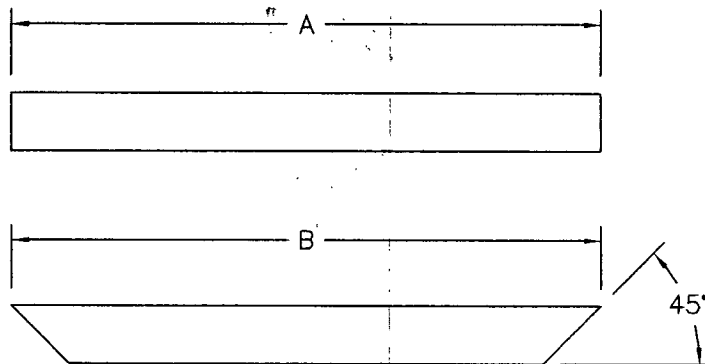
PRELIMINARY ISSUE

06.11.06

DESIGN B	DRAWN BY B	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3515	REV. A SHEET 1 OF 4
DATE 06.05.05		TITLE BASKET LID ASSEMBLY (A119)	SCALE NTS
A	06.05.05	NEW ISSUE	

PARTS LIST FOR D3515-041 BASKET LID ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D3515-1	2	—	25.50	RIB
D3515-3	2	—	101.30	RIB
D3515-5	6	33.84	—	RIB
D3515-7	3	30.63	—	RIB
D2232-1	2	N/A	N/A	HINGE PLATE
D2236	4	N/A	N/A	RIB
D2327-1	2	N/A	N/A	BUSHING
D2506	1	N/A	N/A	LABEL PLATE
D2581	2	N/A	N/A	MOUNTING BRKT



D3515-1/-3/-5/-7

- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 2) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING
(REF. DART SPECS. M304TS0.750W.065)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

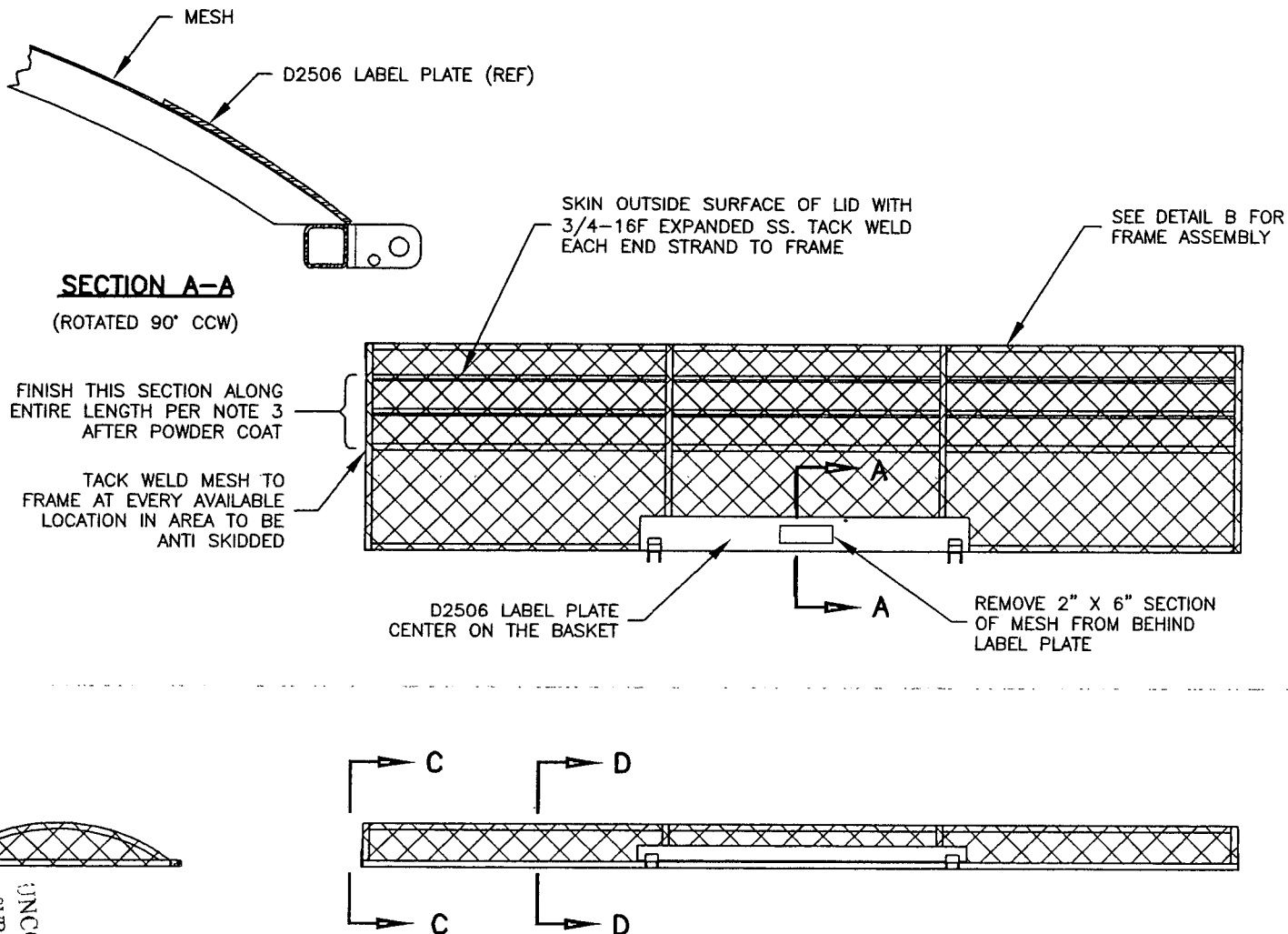
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 24556A

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PRELIMINARY ISSUE
06.11.06

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D3515
DATE 06.05.05		TITLE BASKET LID ASSEMBLY (A119)
		REV. A SHEET 2 OF 4 SCALE 1:20



D3515-041 BASKET LID ASSEMBLY

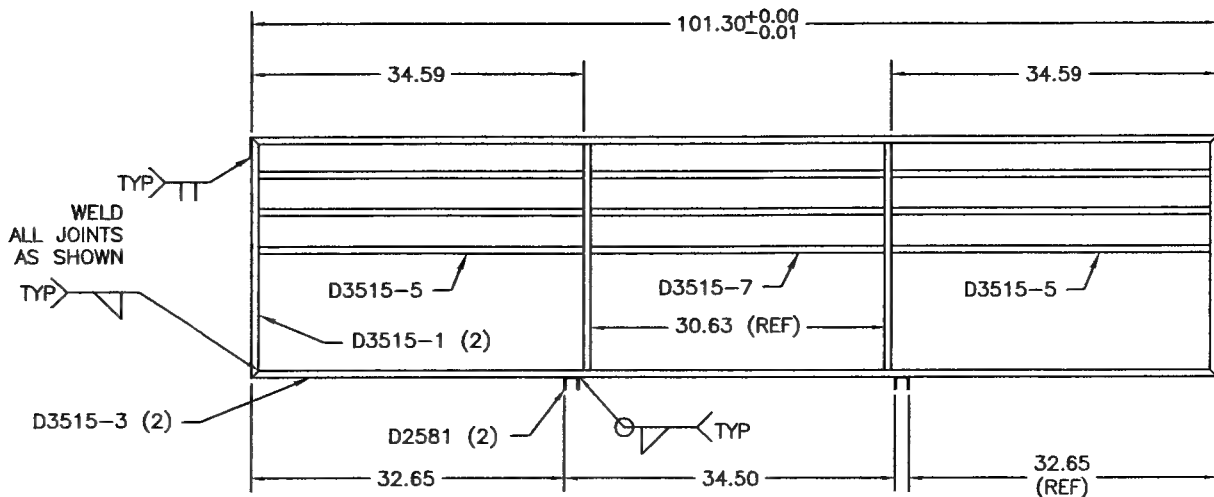
- MESH MATERIAL: 3/4-16F EXPANDED SS (REF. DART SPEC. M304EX0.75-16F)
- WELD PER DART QSI 004
- FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- SPRAY PAINT BLACK INSIDE SURFACE
APPLY BLACK ANTI-SKID TO OUTSIDE SURFACE PER DART QSI 005 4.4
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- ALL DIMENSIONS ARE IN INCHES

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WORK ORDER
NO. 29376 A

PRELIMINARY ISSUE

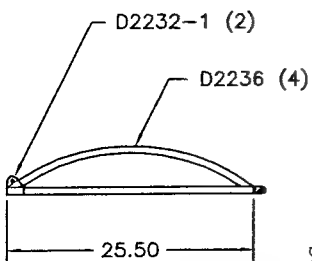
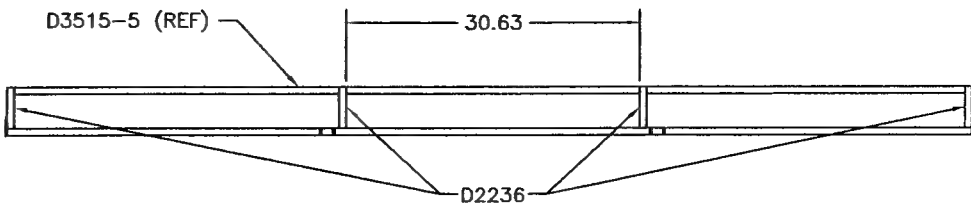
06.11.06

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A
CHECKED	APPROVED	DRAWING NO. D3515	SHEET 3 OF 4
DATE 06.05.05		TITLE BASKET LID ASSEMBLY (A119)	SCALE 1:20



DETAIL B

FRAMEWORK SHOWN FOR CLARITY
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES

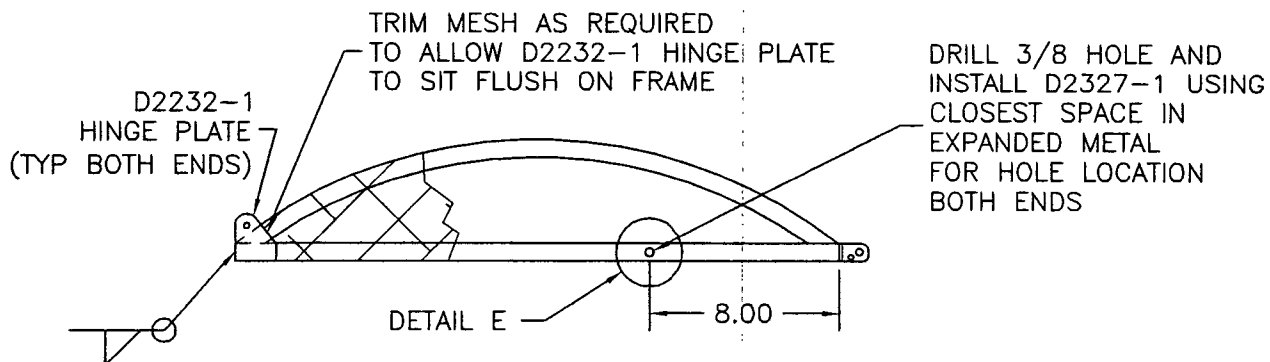


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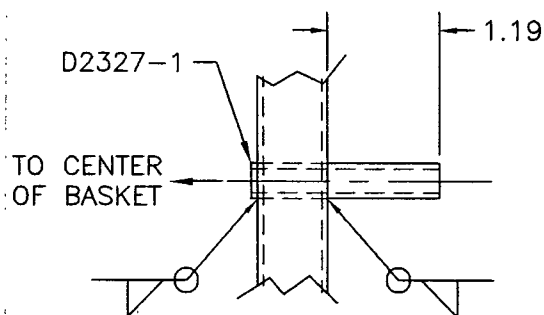
PRELIMINARY ISSUE

06.11.06

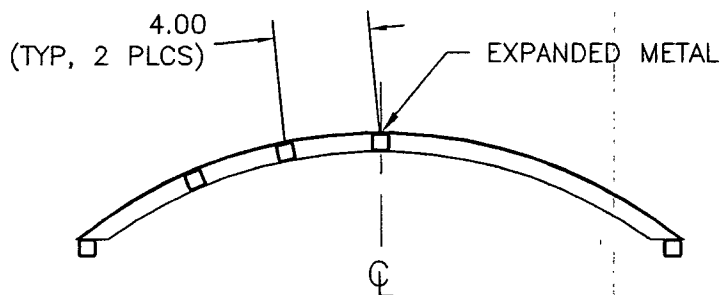
DESIGN B	DRAWN BY B	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3515	REV. A SHEET 4 OF 4
DATE 06.05.05		TITLE BASKET LID ASSEMBLY (A119)	SCALE 1:8



SECTION C-C SIMILIAR BOTH END RIBS



DETAIL E



SECTION D-D SAME BOTH CENTER RIBS

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Date: Tuesday, 21/11/2006 11:34:11 AM
 User: Linda Lacelle




Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : BASKET BASE ASSY (A119)
Job Number : 29556B	
Estimate Number : 12431	
P.O. Number : N/A	Part Number : D3516041
This Issue : 21/11/2006 S.O. No. : N/A	Drawing Number : D3516 REV.B
Prsht Rev. : NC	Project Number : N/A
First Issue : 21/11/2006 Type : LARGE FAB ASSY	Drawing Revision : B
Previous Run : 29555B	Material : N/A
Written By : <u> </u>	Due Date : 23/12/2006 Qty: 1 Um: Each
Checked & Approved By : <u> </u>	
Comment : EST rev. A 06.05.31 Preliminary EC EST rev. A 06.07.27 updated EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	D34421	Shim
 		
Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s) Shim Batch: <u>B28322</u>		
2.0	D2581	Mounting Bracket
 		
Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s) Mounting Bracket Batch: <u>B28915</u>		
3.0	D351611	CLEVIS
 		
Comment: Qty.: 6.0000 Each(s)/Unit Total : 6.0000 Each(s) CLEVIS batch: <u>B29572</u>		
4.0	D351613	CLEVIS
 		
Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s) CLEVIS batch: <u>B29575</u>		
5.0	D23273	Spacer Bushing
 		
Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s) Spacer Bushing Batch: <u>B28597</u>		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 21/11/2006 11:34:12 AM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSY (A119)

Job Number: 29556B

Part Number: D3516041

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

D22323

Basket Hinge



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Basket Hinge

Batch: B29132

PD 06-12-06

7.0

D31661

Basket Hoop



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

RIB

Batch: B29106

PD 06-12-06

8.0

M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 53.1825 f(s)/Unit Total : 53.1825 f(s)

AISI 304 SQ Tube.75x.75x.065W

Batch: M101359 => 2011' M101561 => 36.13'

PD 06-12-06

9.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Cut rib D3516-1 as per dwg D3516

2-Cut rib D3516-3 as per dwg D3516

3-Cut rib D3516-5 as per dwg D3516

4-Cut rib D3516-7 as per dwg D3516

5-Cut rib D3516-9 from D3166-1 (4)

PD 06-12-06

10.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Weld assembly as per dwg D3516

PD 06-12-06

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 21/11/2006 11:34:12 AM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSY (A119)

Job Number: 29556B

Part Number: D3516041

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

11.0	QC5	INSPECT WORK TO CURRENT STEP
------	-----	------------------------------



Comment: INSPECT WORK TO CURRENT STEP

M06/12/06 ①

12.0	M304EX07516F	Expanded Metal Flat Stai
------	--------------	--------------------------



Comment: Qty.: 60.0000 sf(s)/Unit Total : 60.0000 sf(s)
Expanded Metal Flat Stainless steel
Batch: M101775

PD 06-12-07 ①

13.0	LARGE FAB 1	LARGE FABRICATION RESOURCE 1
------	-------------	------------------------------



Comment: LARGE FABRICATION RESOURCE 1
1-Cut expanded metal for base as per dwg D3516

2-Cut expanded metal for base ends as per dwg D3516

3-Weld expanded metal to base as per dwg D3516

PD 06-12-11 ①

14.0	QC9	VISUAL WELDING INSPECTION
------	-----	---------------------------



Comment: VISUAL WELDING INSPECTION

M06/12/11 ②

15.0	QC5	INSPECT WORK TO CURRENT STEP
------	-----	------------------------------



Comment: INSPECT WORK TO CURRENT STEP

M06/12/11 ②

16.0	POWDER COATING	POWDER COATING
------	----------------	----------------



Comment: POWDER COATING
Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3

M102391
M102391
07-01-17 ①

17.0	HAND FINISHING1	HAND FINISHING RESOURCE #1
------	-----------------	----------------------------



Comment: HAND FINISHING RESOURCE #1
Wing Walk as per Dwg D3515 and QSI 005 4.4

M103004
M103004
M102615
SPRAY Paint M102615

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☐ No ☒ DQA: ☒ Date: 07/01/23
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 21/11/2006 11:34:12 AM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASS'Y (A119)

Job Number: 29556B

Part Number: D3516041

Job Number:



Seq. #:

Machine Or Operation:

Description :

18.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

ml 07/01/18 (X1)

19.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: CA

ml 07/01/18 (1)

20.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07/01/23 (1)

Job Completion



u 07-01-22

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

PRELIMINARY ISSUE

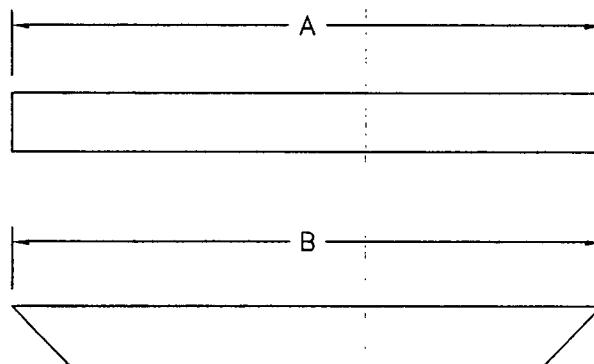
06.10.06

DESIGN B	DRAWN BY B	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3516	REV. B SHEET 1 OF 5
DATE 06.07.25		TITLE BASKET BASE ASSEMBLY (A119) SCALE NTS	
A	06.06.21	NEW ISSUE	
B	06.07.25	ADD (4) D3516-13, (6) D3516-11 WAS (10), SEE TR-D119-756-1 REV. A	

PARTS LIST FOR D3516-041 BASKET BASE ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D3516-1	2	—	102.00	RIB
D3516-3	2	—	25.50	RIB
D3516-5	8	26.75	—	RIB
D3516-7	3	45.50	—	RIB
D3516-9	4	N/A	N/A	RIB
D3516-11	6	N/A	N/A	CLEVIS
D3516-13	4	N/A	N/A	CLEVIS
D2232-3	2	N/A	N/A	HINGE PLATE
D2327-3	2	N/A	N/A	BUSHING
D2581	2	N/A	N/A	MOUNTING BRKT
D3442-1	2	N/A	N/A	SHIM

B



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NOTES:

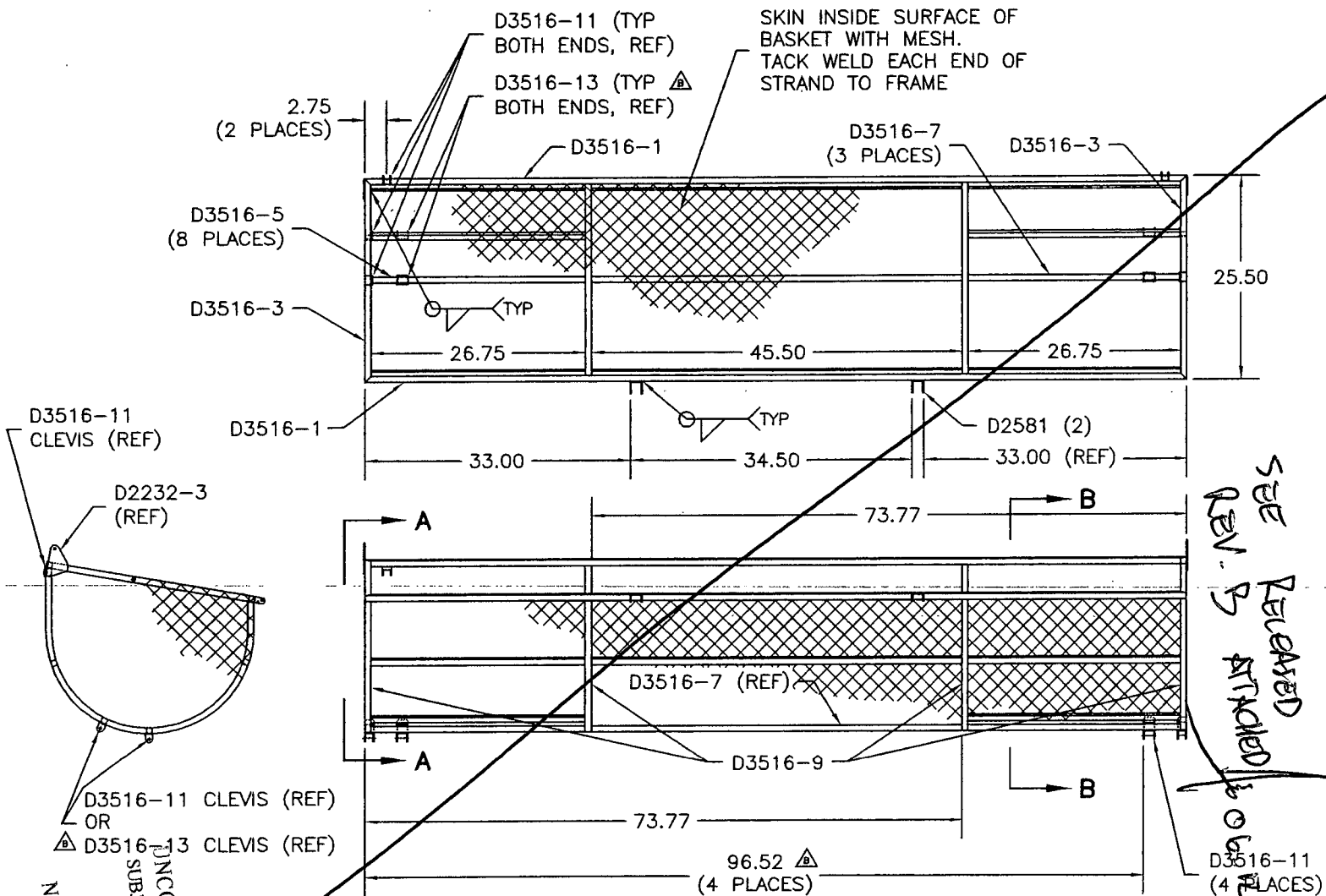
- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 2) FRAME MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING
(REF. DART SPEC. M304TS0.750W.065)
- 3) MESH MATERIAL: 3/4-16F EXPANDED SS
(REF. DART SPEC. M304EX0.75-16F)
- 4) WELD PER DART QSI 004
- 5) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) ALL DIMENSIONS ARE IN INCHES

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DATE	DRAWING NO.	REV. B
06.07.25	D3516	SHEET 2 OF 5
	TITLE	SCALE
	BASKET BASE ASSEMBLY (A119)	1:20



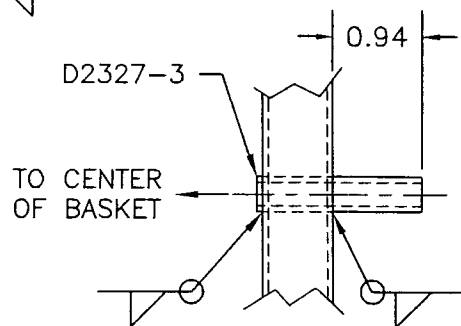
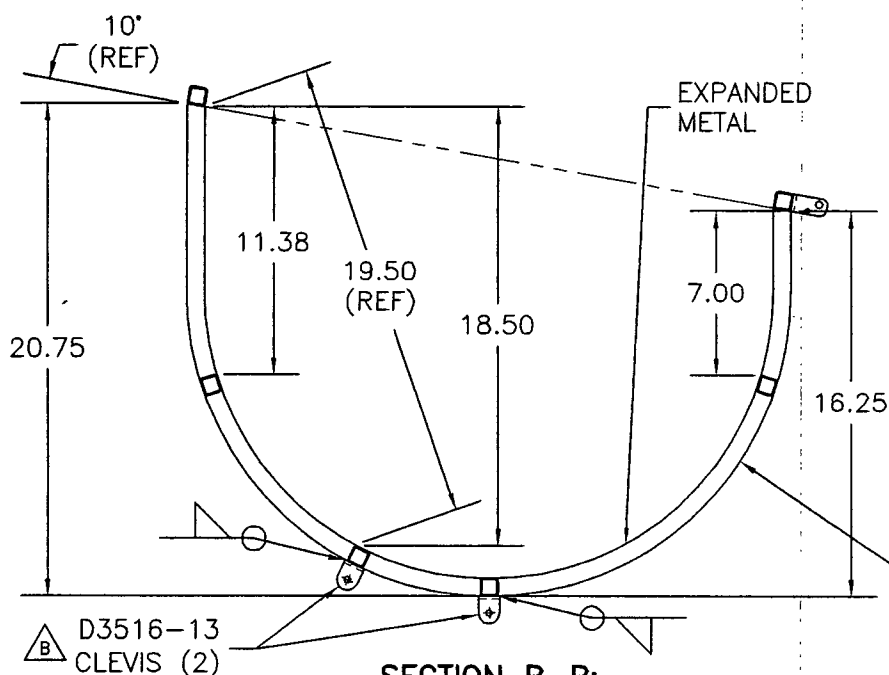
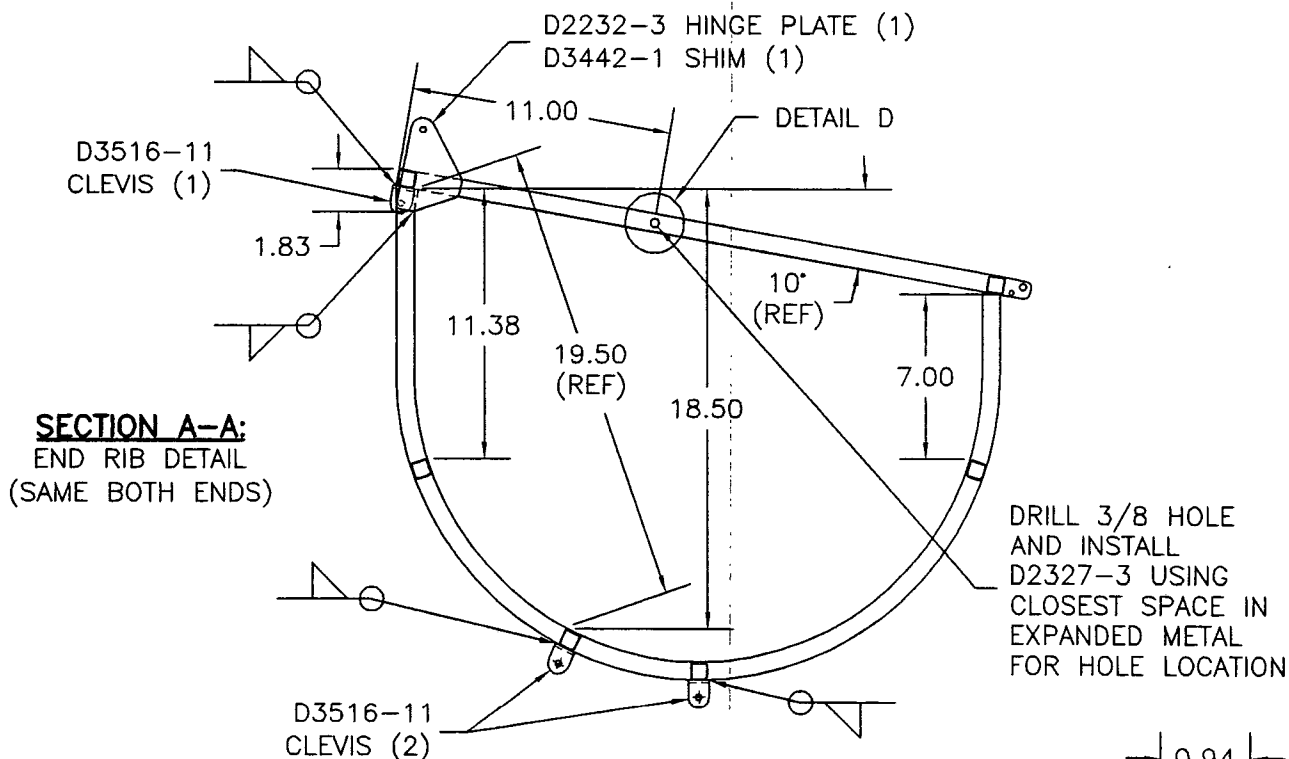
D3516-041 BASKET BASE ASSEMBLY

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DATE 06.07.25		TITLE BASKET BASE ASSEMBLY (A119)	SCALE 1:8



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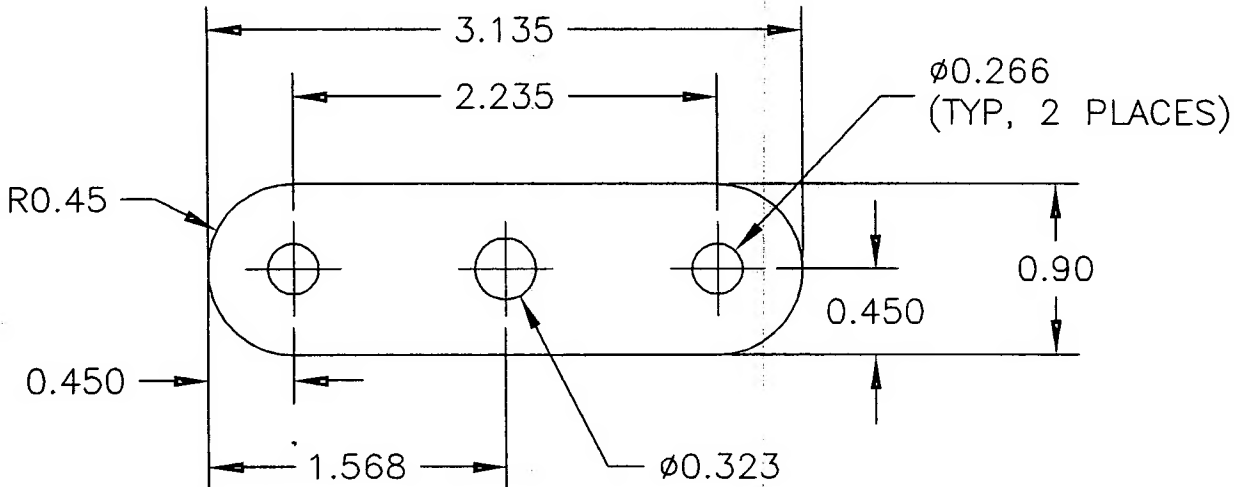
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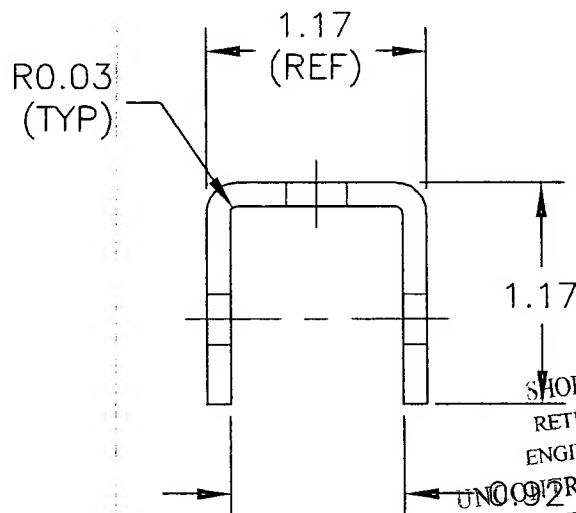
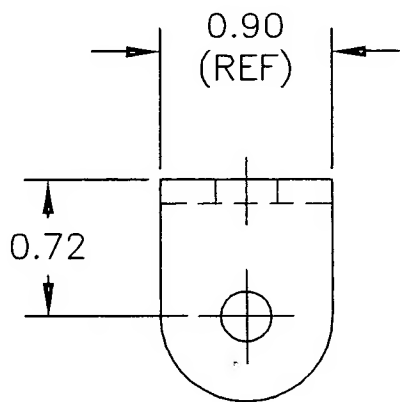
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DATE 06.07.25		TITLE BASKET BASE ASSEMBLY (A119)	SCALE 1:1



D3516-11F CLEVIS FLAT PATTERN

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 11 GAUGE (0.125 THICK)
(REF. DART SPEC. M304S11GA)



D3516-11 CLEVIS BENDING DETAIL

- 1) MATERIAL: MAKE FROM D3516-11F
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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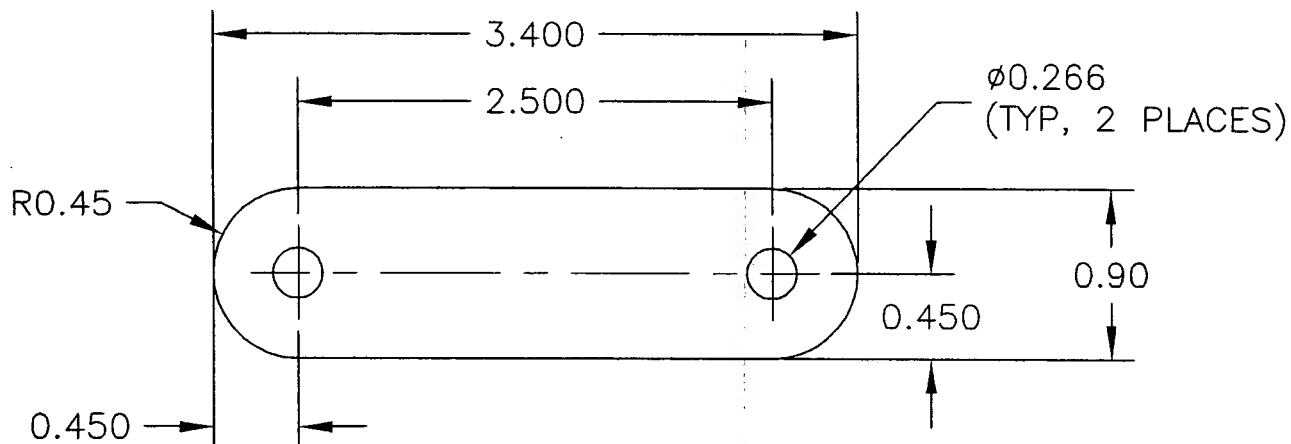
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PRELIMINARY ISSUE

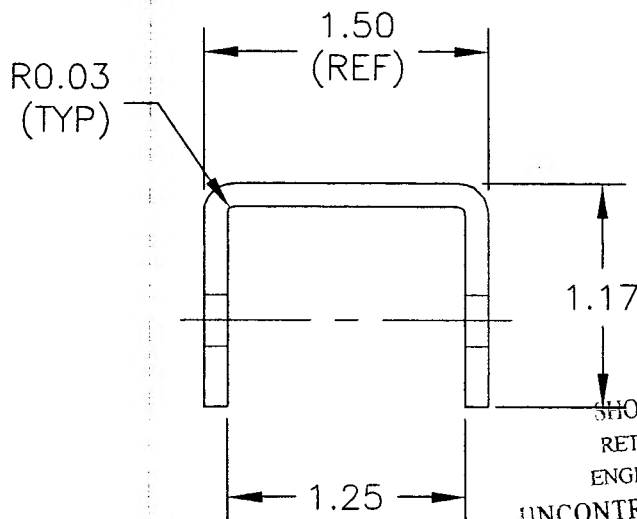
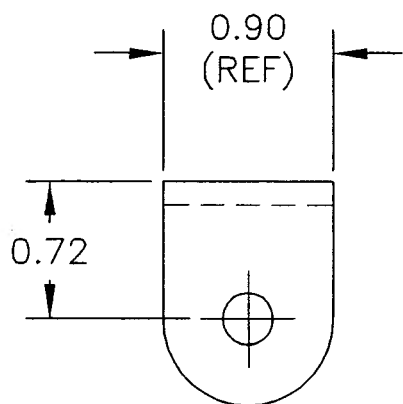
06.11.06

DESIGN B	DRAWN BY B	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3516	REV. B SHEET 5 OF 5
DATE 06.07.25		TITLE BASKET BASE ASSEMBLY (A119)	SCALE 1:1



D3516-13F CLEVIS FLAT PATTERN

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 11 GAUGE (0.125 THICK)
(REF. DART SPEC. M304S11GA)



D3516-13 CLEVIS BENDING DETAIL

- 1) MATERIAL: MAKE FROM D3516-13F
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

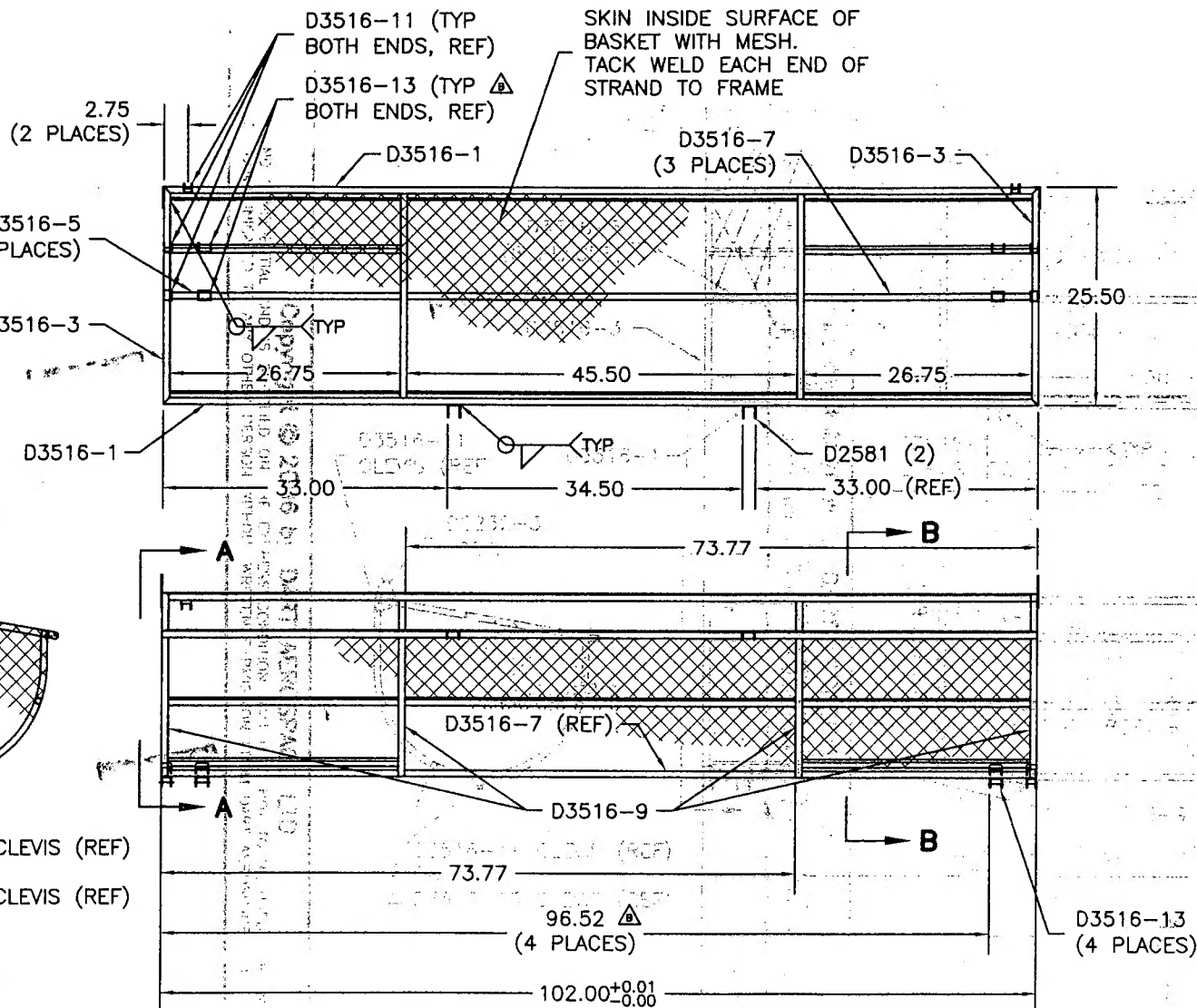
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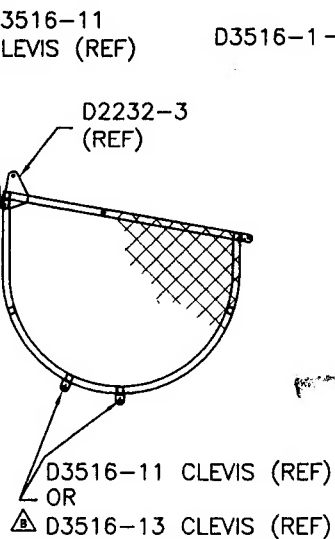


DESIGN	DRAWN BY	DART AEROSPACE LTD	REV. B
CHECKED	APPROVED	HAWKESBURY, ONTARIO, CANADA	SHEET 2 OF 5
DATE	TITLE	DRAWING NO.	SCALE
06.07.25	BASKET BASE ASSEMBLY (A119)	D3516	1:20



D3516-041 BASKET BASE ASSEMBLY

RELEASED
06.11.28



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